

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Josephine Cartridge or Bag Filtration

System Name: **NPS OREGON CAVES NATL MON ID #: OR4191998** WTP: **WTP-A** Month/Year: **11/2023**

DAY	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the Day ¹ [NTU]
1	42	30	12	25	.070	.13
2	42	30	12	25	.072	.13
3	42	30	12	25	.076	.14
4	42	30	12	25	.089	.14
5	42	30	12	25	.071	.15
6	42	30	12	25	.071	.15
7	42	30	12	25	.073	.12
8	42	30	12	25	.075	.14
9	42	30	12	25	.072	.10
10	42	30	12	25	.064	.11
11	42	30	12	25	.061	.10
12	42	30	12	25	.066	.10
13	42	30	12	25	.061	.10
14	42	30	12	25	.064	.12
15	42	30	12	25	.071	.12
16	42	30	12	25	.077	.14
17	42	30	12	25	.064	.11
18	42	30	12	25	.062	.10
19	42	30	12	25		.10
20	42	30	12	25		.10
21	42	30	12	25		.12
22	42	30	12	25		.14
23	42	30	12	25		.11
24	42	30	12	25		.10
25	42	30	12	25		.10
26	42	30	12	25		.13
27	42	30	12	25		.14
28	42	30	12	25		.14
29	42	30	12	25		.13
30	42	30	12	25		.11
Dec 1						

Cartridge Filtration 95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / No All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / No	Monthly Summary (Answer Yes or No) CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / No All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / No
Notes: PSI = pounds per square inch PSID = pounds per square inch difference (before filter - after filter) PSID When to Change Filter = Manufacturer's recommendation; may need to look in manual for manufacturer's specifications when to change the filter, at what PSID.	PRINTED NAME: David John SIGNATURE: <i>David John</i> DATE: 12.11.23 PHONE #: (541) 592.2100 ex2256 CERT #: D-09445

Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in "Daily Turbidity".

OHA - Drinking Water Program - Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP-: WTP-A Month/Year: November 2023

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ²	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ²	Peak Hour Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[° C]		Use tables	Yes / No	[GPM]
1 / 1000	1.0	43	43	12	7.7	27	yes	12.3
2 / 1900	1.2	43	51.6	12	7.7	28	yes	13.12
3 / 845	1.1	43	47.3	12	7.7	27	yes	12.92
4 / 1000	1.1	43	47.3	12	7.7	27	yes	13.75
5 / 1000	1.0	43	43	12	7.7	27	yes	11.87
6 / 1230	1.0	43	43	12	7.7	27	yes	12.29
7 / 1900	1.2	43	51.6	12	7.7	28	yes	12.08
8 / 1900	1.3	43	55.9	12	7.7	28	yes	12.70
9 / 1330	1.3	43	55.9	12	7.7	28	yes	13.95
10 / 1030	1.2	43	55.9	12	7.7	28	yes	13.75
11 / 1000	1.2	43	51.6	12	7.7	28	yes	13.54
12 / 1900	1.2	43	51.6	12	7.7	28	yes	14.58
13 / 1200	1.0	43	43	12	7.7	27	yes	13.54
14 / 1900	1.0	43	43	12	7.7	27	yes	12.91
15 / 1945	1.0	43	43	12	7.7	27	yes	13.35
16 / 1330	1.0	43	43	12	7.7	27	yes	14.37
17 / 1900	1.0	43	43	12	7.7	27	yes	13.12
18 / 1100	1.2	43	51.6	12	7.7	28	yes	16.25
19 /								
20 /	1.25	43	53.75	12	7.7	28	yes	2.91
21 /	1.64	43	70.52	12	7.7	29	yes	14.37
22 /	1.5	43	64.5	12	7.7	29	yes	12.5
23 /								
24 /								
25 /								
26 /								
27 /	1.0	43	43	12	7.7	27	yes	13.54
28 /	1.0	43	43	12	7.7	27	yes	19.79
29 /	1.1	43	47.3	12	7.7	27	yes	14.16
30 /								
31 /								

² If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.
 Download form at: www.public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-cartridge.pdf

SOURCE NAME: LAKE CREEK

MONTH November YEAR 2023

TEST LOCATION CODES:

1 - INFORMATION BOOTH

② Chalet

3 - WATER FOUNTAIN

4 - V.C

5 - CHATEAU

6 - GUIDE HOUSE

ADDRESS: OREGON CAVES NATIONAL MONUMENT

19000 CAVES HIGHWAY

CAVE JUNCTION, OREGON 97523

1-541-592-2100

PSW ID#: 419 1998

DAY	INITIALS	CHLORINE RESIDUAL		TIME	TEST LOCATION	B TANK CHLORINE ADDED	CHLORINE		METER READING	GAL USED	TURBIDITY		REMARKS
		4	SYS				Set.	Res.			RAW	FINISHED	
1	JAL	1.0	2	1000	2	0	10	1.0	50218200	5900	.315	.070	No change
2	JAL	1.2	2	900	2	0	10	1.2	50224500	6300	.364	.072	No change
3	JA	1.1	2	845	2	0	10	1.1	50230700	6200	.409	.076	No change
4	JAL	1.1	2	1000	2	0	10	1.1	50237300	6600	.445	.089	changed Filters # 2,3,4
5	JAL	1.0	2	1000	2	0	10	1.0	50243000	6700	.574	.071	changed Filter # 2
6	JAL	1.0	2	1230	2	0	10	1.0	50248900	5900	.570	.071	No change
7	JAL	1.2	2	900	2	0	10	1.2	50254700	5800	.572	.073	No change
8	JAL	1.3	2	800	2	3000	10	1.3	50260800	6100	.570	.075	changed Filters # 2,3,4
9	JAL	1.3	2	1330	2	0	10	1.3	50267500	6700	.576	.072	No change
10	JAL	1.2	2	1030	2	0	10	1.2	50274100	6600	.582	.064	No change
11	JAL	1.2	2	1000	2	0	10	1.2	50280600	6500	.597	.061	No change
12	JAL	1.2	2	900	2	2500	10	1.2	50287600	7000	.607	.060	changed Filters # 1,2
13	JAL	1.0	2	1200	2	0	10	1.0	50294100	6500	.622	.061	No change
14	JAL	1.0	2	1400	2	0	10	1.0	50300300	6200	.665	.064	No change
15	JAL	1.0	2	945	2	0	10	1.0	50306700	6400	.689	.071	No change
16	JAL	1.0	2	836	2	0	10	1.0	50313600	6900	.709	.077	No change
17	JAL	1.0	2	900	2	6000	10	1.0	50319900	6300	.790	.064	changed Filter # 4
18	JAL	1.2	2	1100	2	0	10	1.2	50327700	7800	.864	.062	changed Filters # 2, 3, 4 cleaned intake
19													JAL Furlough
20	DMJ	1.25	2	1030	2	0	10	1.25	50342000	1400			changed Filters # 1,2,3,4
21	JC DMJ	1.64	2	1436	2	0	10	1.64	50348900	6900			No change
22	DMJ	1.5	2	1100	2	2500	10	1.5	50354900	6000			changed # 3,4
23													DMJ Furlough
24													
25													
26													
27	JC	1.0	2	1330	2	0	10	1.0	50387100	6500			changed Filters # 1,2,3,4
28	JC	1.0	2	1443	2	0	10	1.0	50396900	9500			No change
29	JC	1.1	2	1328	2	0	10	1.0	50403700	6800			No change
30													
Rec 1													All tenants vacated From chalet